

Mark L. Hoffman, Maryland Director Anna Killius, Executive Director Chesapeake Bay Commission

Legislative Briefings February 2023

## Chesapeake Bay Commission

#### Tri-State Legislative Commission

- MD, VA, PA
- 7 Members from each State
- 2 Senators, 3 Delegates
- Translate <u>Science</u> Into Coordinated Federal & State Policy
- Coordinate Policy Interests w/Congress
- Serve as Legislative Arm of Bay Program

Established by state law in 1980s



# Chesapeake Bay Largest Estuary in the United States

# The Waters of 6 States Drain into the Chesapeake

- 64,000 square miles
- 41 million acres
- 150 Major Rivers and Streams
- 1,850 local governments
- 18.2 million people
- 87,000 farms



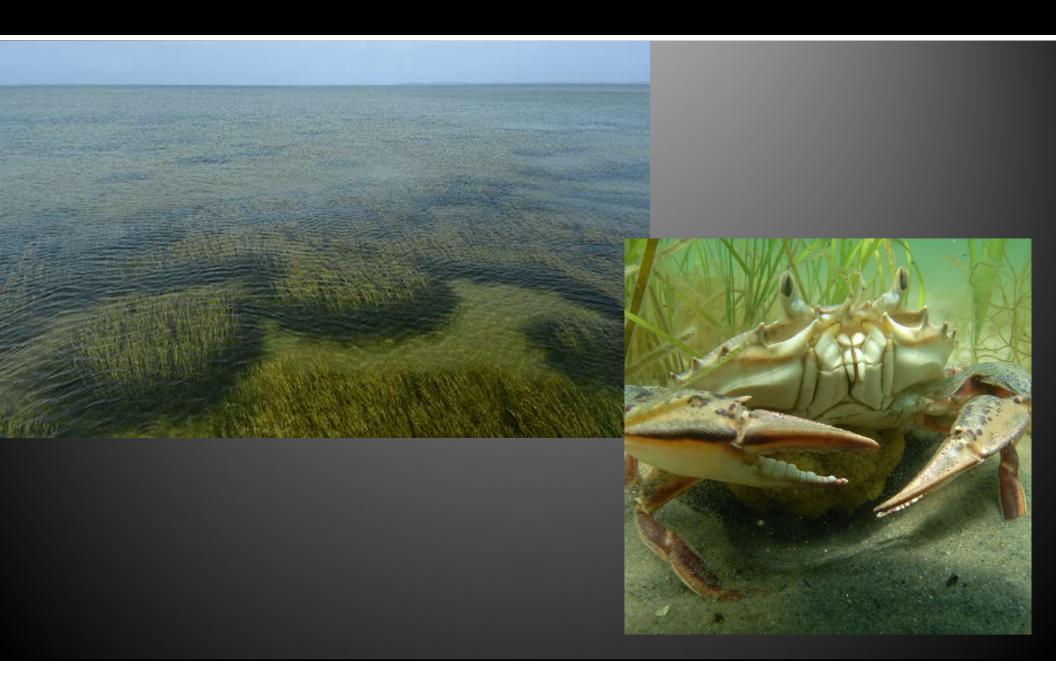
## It's An Economic Engine



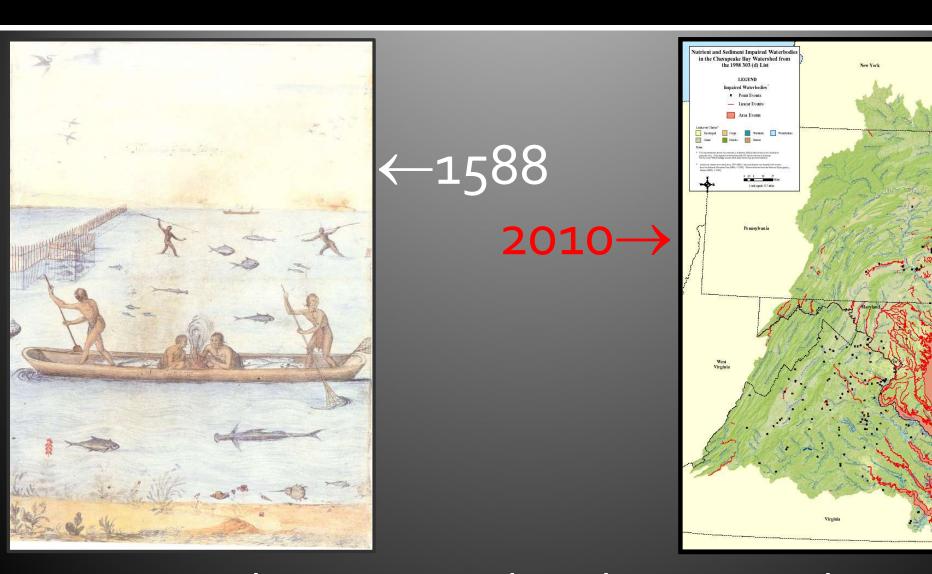
## It's Our Culture



## The Bay is Shallow

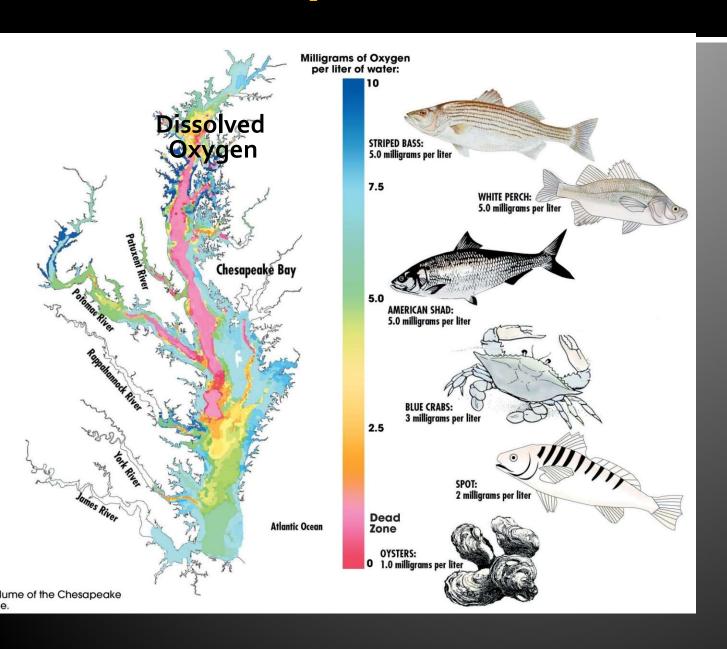


## The Chesapeake Bay is Impaired



Too much Nitrogen, Phosphorus & Sediment

## **Bay Restoration Goal**



Improve Water
Quality & Health
of the Living
Resources

Clean Water Act

– "swimmable

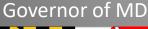
and fishable"



## Pollution Sources Are Diverse



## The Chesapeake Bay Program





Governor of VA



Governor of PA



**EPA Administrator** 



**Executive Council** 



**Chesapeake Bay Program** 

Chair of Chesapeake
Bay Commission



Mayor of DC



Governor of NY



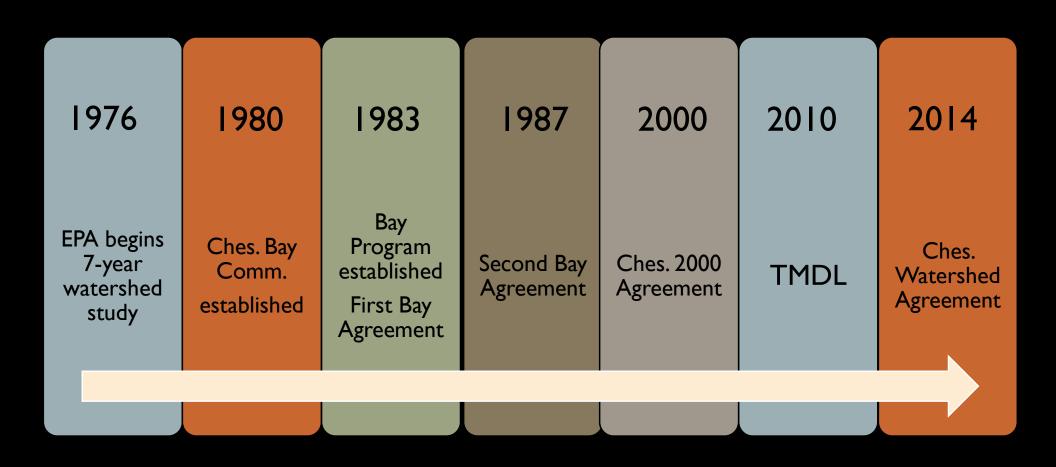
DECEMBER 7, 1787

Governor of DE



Governor of WV

#### CHESAPEAKE BAY PROGRAM 40+ YEARS OF PARTNERSHIP



## Total Maximum Daily Load (TMDL) An Enforceable "Pollution Diet"

#### TIMELINE

2010: Established

2017: 60% Practices in Place

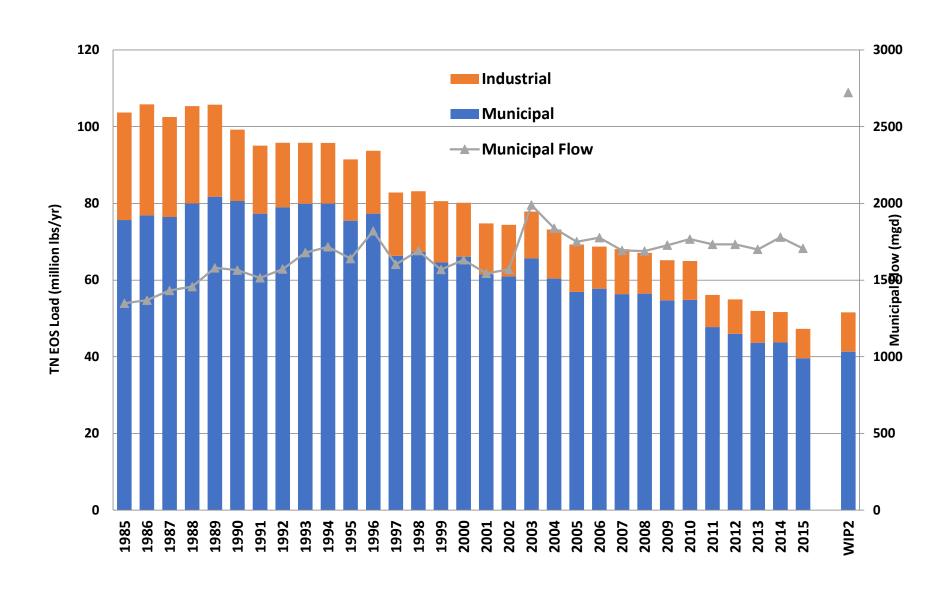
2019: Phase III WIPs

2025: 100% Practices in Place

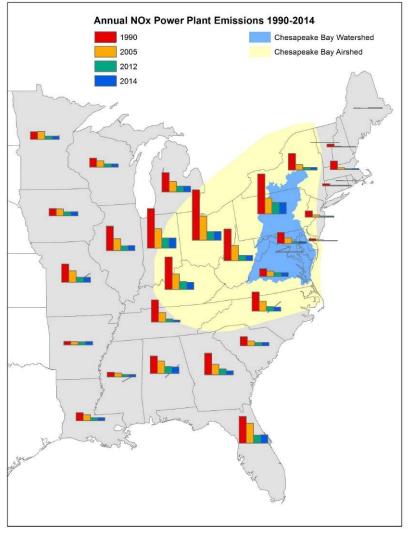


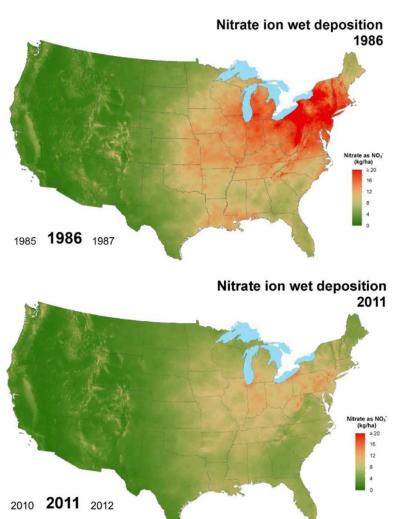
A TMDL calculates the maximum amount of a specific pollutant that a waterbody can receive and still meet water quality standards.

## Chesapeake Bay Watershed Municipal and Industrial Wastewater Treatment Facilities Achieved their 2025 Goal a Decade Early!

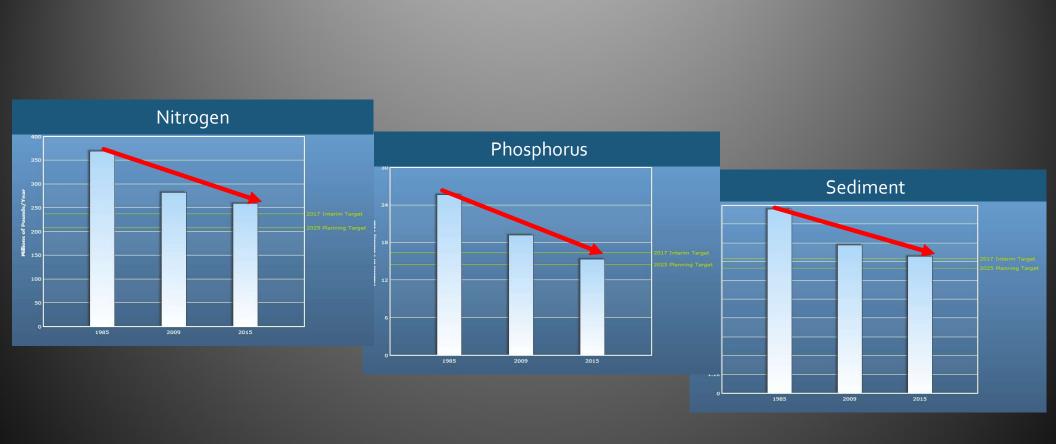


## Clean Act Air Implementation by the States has Resulted in a 35 Million Pound Reduction of Nitrogen Loads to Chesapeake Bay from 1985 to 2015



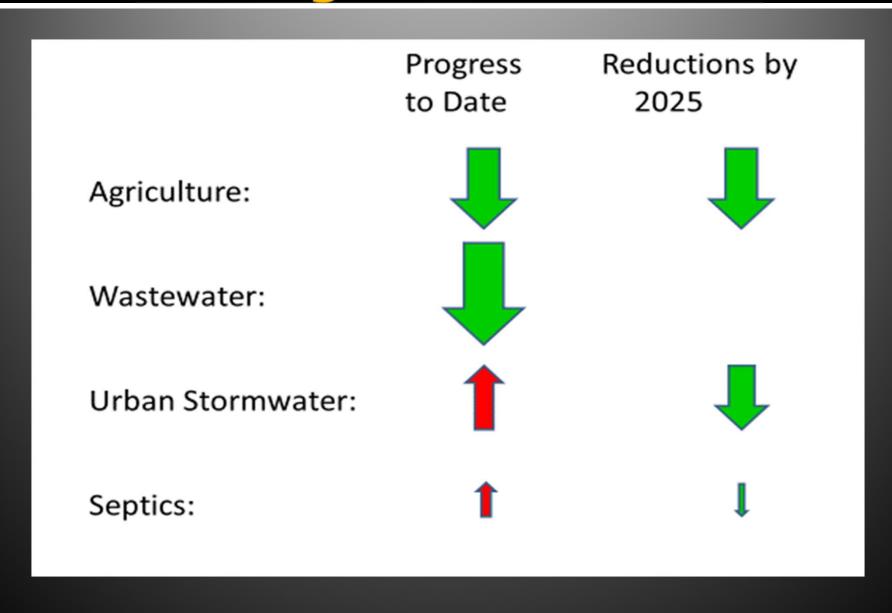


## Reducing Pollution: 1985-2021

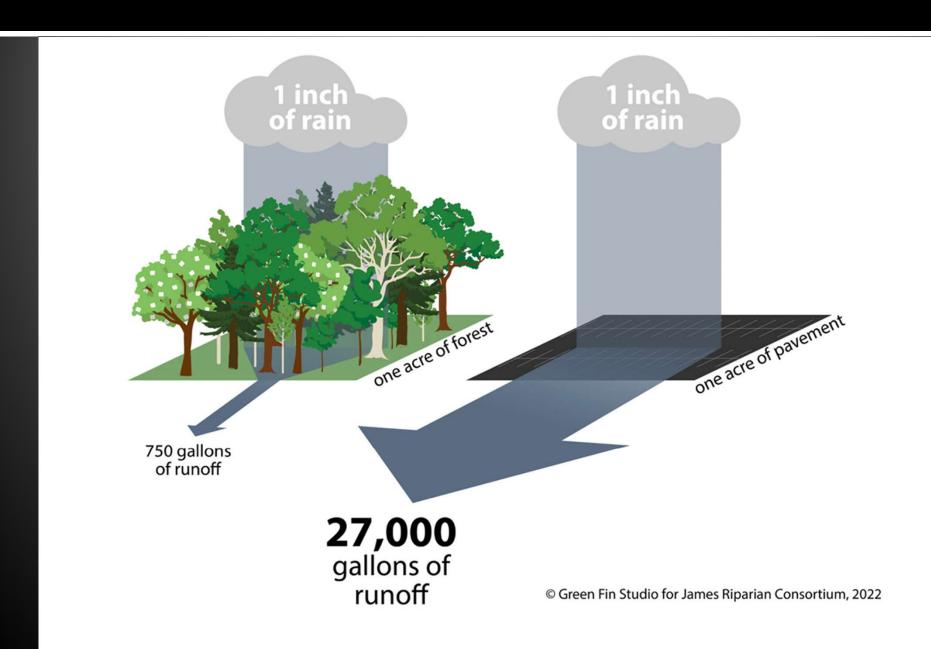


Chesapeake Bay Water Quality is Improving Headed in the Right Direction – But Not as Fast as Planned or Desired

## Challenges Remaining: Nitrogen Reductions



### The Need for Forest Conservation



# State Legislation (1983-2022)



#### Virginia

- Water Facilities Revolving Fund ('86)
- C. Bay Preservation Act ('88)
- Ag. Equipment Tax Credit ('90)
- Nutrient Mgmt Certification ('94)
- Ag. Stewardship ('96)
- Water Quality Imp. Act ('97)
- Land Preservation Tax Credit ('00)
- Stormwater Program
  Consolidation ('05 & '13)
- Nut. Credit Exchange ('05)
- Point Source Upgrades ('05)
- Phosphate Det. Ban ('o8)
- Urban Lawn Fertilizer ('12)
- Stormwater Partnerships ('16)

#### Pennsylvania

- MPC Omnibus Amdts. ('00)
- Phosphate Detergent Ban
- Farmland Preservation
- Ag. Nutrient Management
- Growing Greener ('02)
- Chesapeake Bay Watershed Education Program ('04)
- Water & Wastewater
  Treatment Bond ('04)
- Manure Hauler & Broker Certification ('04)
- Nutrient Mgmt. Update ('04)
- Growing Greener II ('05)
- REAP (Ag. Trans. Tax Credit)
  ('07)
- Phosphate Detergent Ban (o8)
- H<sub>2</sub>O PA ('08)
- Stormwater Authorities (**`14**)
- Riparian Buffers ('16)

#### Maryland

- Critical Areas ('84)
- Sediment & Erosion ('80)
- Stormwater Control ('82-'86)
- Ag. Nutrient Mgmt ('88)
- Forest Conservation ('91)
- Green Print ( '01)
- Smart Growth ('97)
- Rural Legacy ('97)
- Bay Restoration Fund('04,'12)
- P Detergent Ban ('06,'11)
- Chesapeake Trust Fund ('07)
- Stormwater Manag. ('07)
- Forest Preservation Act ('08)
- Living Shorelines ( '08)
- Septic Tanks ('09, '12)
- Lawn Fertilizer ('11, '18)
- Stormwater Utilities ('12)
- Oyster Assessment ('16)

## **CBC Focus**

- Ag Technical Assistance and Cost-Share
- Forest and Land Conservation
- Federal Funds
- Dedicated State Funds
- Executive Council Directives
  - Climate
  - DEIJ
- Planning for Post-2025



#### **QUESTIONS?**



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